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ABSTRACT

This publication contains statewide standards for the surgical technology program in Georgia. The standards are divided into 12 categories: foundations (philosophy, purpose, goals, program objectives, availability, evaluation); admissions (admission requirements, provisional admission requirements, recruitment, evaluation and planning); program structure (curriculum design, program numbering system, program consistency, exit points, credentials, course code, course consistency, course sequence, electives, course transferability); program evaluation and planning (program evaluation; program planning; enrollment, graduation, and placement levels; attrition levels; student performance); instructional program (course content; course objectives; course instruction; occupation-based instruction; evaluation of students; grading system; laboratory management; equipment, supplies, and materials; physical facility); academic skills (academic requirements); employability skills (job acquisition, job retention and advancement); staff (faculty qualifications and responsibilities); advisory committee (function, membership, meetings); special needs (commitment); equity (commitment); and health and safety (commitment). Each standard consists of these components: standard statement, explanatory comment, and evaluative criteria. (YLB)

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# SURGICAL TECHNOLOGY PROGRAM STANDARDS

**Developed and Produced**
**Under Contractual Agreement with**

**Georgia Board of**
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**Atlanta, Georgia 30303-2705**
**1989**

# SURGICAL TECHNOLOGY PROGRAM STANDARDS

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**Teri Bell, Senior Secretary**

## ACKNOWLEDGEMENTS

The development of Surgical Technology program standards is a significant step for technical education and economic development in Georgia. These standards represent a statewide commitment to provide consistent, quality technical education, to equip our graduates with the background and skills necessary to meet their individual occupational needs, and to meet the currently expanding needs of the Georgia employment market.

Many people have contributed time, effort, and expertise to the standards development project. The Georgia Board of Technical and Adult Education, the Board's Standards Committee, the standards development committee, and the project staff have worked diligently to make the establishment of these standards a reality. Robert Mabry and John Lloyd of the Georgia Department of Technical and Adult Education have provided initiative and direction for the project. Patt Stonehouse, acting Director of Instructional Services, has provided invaluable assistance in planning and monitoring the project.

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We extend sincere thanks to each member of the Board's Standards Committee below.

Judy Hulsey
Carrollton

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Augusta

Dorothy Pelote
Savannah

Louis Rice
Atlanta

Walter Sessoms, Chairman
Atlanta

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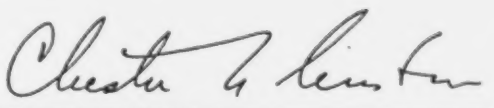

Chester A. Austin
Chairman, Georgia Board of Technical and Adult Education

Ken Breeden
Commissioner, Georgia Department of Technical and Adult Education

## SURGICAL TECHNOLOGY PROGRAM STANDARDS

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## HOW TO USE THIS MANUAL

**Tab Dividers**

This document is divided into sections each section being divided from the others by means of a section-identifier tab. Each section contains standard(s) pertaining to a particular category of standards.

**Table of Contents**

The Table of Contents lists the tabbed categories of standards plus the title and identifier number for each standard within each tabbed section.

**Numbering System**

Each standard has a unique six-digit identifier number. The number is divided into three sets of two-digit couplets each set being divided by a dash.

Example: 03-04-05...
**03** indicates standard document #3 (i.e., The Electronic Engineering Standards document).
**04** indicates section #4 in the document (i.e., The Program Evaluation and Planning standards section).
**05** indicates standard #5 within section four (i.e., The Student Performance standard within the Program Evaluation and Planning standards section).

**Finding a Standard**

Standard identifier numbers appear in the upper right-hand corner of each page. To find a given standard refer to the Table of Contents to find the identifier number of the standard of interest, select the appropriate section tab, and find the desired standard within the selected tab section.

**Amendments**

Registered manual holders are instructed to keep their manuals updated as amendments are disseminated.

**Document Transmittal**

All new or revised documents are sent to the registered holder of the manual and are recorded on a Manuals Document Transmittal Form. Transmittals are numbered consecutively, and instructions for use are printed on the form.

**Amendment Record**

The registered holder of the manual records the receipt of all Manual Document Transmittals on the Amendment Record. This record and instructions are found on the reverse side of the manual title page.

# SURGICAL TECHNOLOGY

## FOUNDATIONS
(Philosophy)

Standard Statement

A philosophy statement is developed expressing the beliefs and values that govern the content and conduct of the Surgical Technology program.

Explanatory Comment

A statewide program philosophy statement is developed and provided for the Surgical Technology program. The statewide philosophy statement may be augmented at the local level so that the unique circumstances of the community may be accommodated.

The Surgical Technology program philosophy statement expresses the fundamental educational and occupational principles that guide the instructional process.

Evaluative Criteria

The Surgical Technology program has a clearly defined, written philosophy statement that is reviewed by the program faculty, the administration, and the program advisory committee.

Any addition to the Surgical Technology program philosophy statement is developed by the program faculty, the administration, and the program advisory committee.

The philosophy of the Surgical Technology program is in accordance with the philosophy of the Georgia Board of Technical and Adult Education and reflects the beliefs, values, and attitudes of the institution, the instructional field, the community, and the employment market.

The philosophy of the Surgical Technology program determines the unique role of the program in meeting the technical educational needs of the students, the community, and the employment market.

The philosophy of the Surgical Technology program reflects a desire to achieve educational excellence.

The philosophy of the Surgical Technology program reflects a commitment to meet the needs of business and industry.

## SURGICAL TECHNOLOGY

The philosophy of the Surgical Technology program includes a nondiscrimination statement pertaining to race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, and economic disadvantage.

The philosophy statement of the Surgical Technology program is approved by the administration of the institution.

# SURGICAL TECHNOLOGY

## PHILOSOPHY

The basic beliefs, attitudes, and concepts that are the foundation of the Surgical Technology program are expressed in the following statements.

Surgical Technology is a program of study which is compatible with the policies of the Georgia Board of Technical and Adult Education and encourages each Surgical Technology program student to benefit and contribute as a partner in the economic development and stability of Georgia. The philosophy of the Surgical Technology program is founded on the value attributed to individual students, the surgical field, and technical education.

The Surgical Technology program of study is consistent with the philosophy and purpose of the institution. The program provides academic foundations in communications, mathematics, and human relations, as well as occupational fundamentals. Program graduates are well trained in the underlying fundamentals of surgical technology and related areas and are well prepared for employment and subsequent upward mobility.

The Surgical Technology program provides the student with the knowledge and skills to become a qualified surgical technologist. Important attributes for success of program graduates are critical thinking, problem solving, and the application of the training to the work requirement. The present trend in this field is expected to continue for the foreseeable future.

The program structure acknowledges individual differences and provides opportunities for students to seek fulfillment of their educational goals. The program does not discriminate on the basis of race, color, national origin, religion, sex, handicapping condition, academic disadvantage, or economic disadvantage.

To assist each student to attain his or her respective potential within the program, both the instructor and the student incur an obligation in the learning process. The instructor is a manager of instructional resources and organizes instruction in a manner which promotes learning. The student assumes responsibility for learning by actively participating in the learning process.

This is a dynamic field which requires attention to current curriculum and up-to-date instructional equipment. The Surgical Technology program must promote the concept of change as the profession evolves. The need for nurturing the spirit of involvement and life-long learning is paramount in the surgical technology field and related areas.

# SURGICAL TECHNOLOGY

## FOUNDATIONS
(Purpose)

Standard Statement

A purpose statement delineating the instructional services which the Surgical Technology program provides is developed and implemented.

Explanatory Comment

A statewide purpose statement is developed and provided for the Surgical Technology program. The statewide purpose statement may be augmented at the local level so that the unique circumstances of the community may be accommodated.

A major purpose of the Surgical Technology program is to meet community and employment market needs for education in surgical technology.

Evaluative Criteria

The Surgical Technology program has a clearly defined, written purpose statement that is reviewed by the program faculty, the administration, and the program advisory committee.

Any addition to the Surgical Technology program purpose statement is developed by the program faculty, the administration, and the program advisory committee.

The purpose of the Surgical Technology program is in accordance with the purpose of the Georgia Board of Technical and Adult Education and the institution.

The purpose of the Surgical Technology program reflects the values and beliefs expressed in the program philosophy.

The purpose of the Surgical Technology program includes a nondiscrimination statement pertaining to race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, and economic disadvantage.

The purpose statement of the Surgical Technology program is approved by the administration of the institution.

# SURGICAL TECHNOLOGY

## PURPOSE

The purpose of the Surgical Technology program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in the field of surgical technology and related areas.

The Surgical Technology program provides educational opportunities regardless of race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, or economic disadvantage.

The Surgical Technology program is intended to produce graduates who are prepared for employment as surgical technologists. Program graduates are to be competent in the general areas of English, math, and interpersonal relations.

Graduates are competent as skilled surgical technologists, qualified by didactic and clinical training, to provide services in the operating room under the supervision and responsibility of the operating room supervisor, who is a registered nurse.

Graduates are prepared to function in association with nurses and surgeons to help provide the best possible care of the surgical patient. They function as a part of the operating room team responsible for the cleanliness, safety, and efficiency of the operating room that leads to good patient care. Their experience with aseptic surgical techniques qualifies them to prepare materials for use at the operating table and to assist in the use of these materials.

The surgical technologist demonstrates an ability to relate to people, an orientation towards service to people, and a capacity for calm and reasoned judgment in meeting emergencies. Respect for the patient as a person and respect for the patient's privacy are expected of the technologist.

# SURGICAL TECHNOLOGY

## FOUNDATIONS
(Goals)

Standard Statement

A program goals statement focuses the efforts of the Surgical Technology program.

Explanatory Comment

A statewide goals statement is developed and provided for the Surgical Technology program. The statewide program goals statement may be augmented at the local level so that the unique circumstances of the community may be accommodated.

Goals are broad statements of intent that delineate the achievements the Surgical Technology program seeks to attain. Goals are stated in non-quantifiable terms.

Evaluative Criteria

The Surgical Technology program has a clearly defined, written goals statement that is reviewed by the program faculty, the administration, and the program advisory committee.

Any addition to the Surgical Technology program goals statement is developed by the program faculty, the administration, and the program advisory committee.

The goals of the Surgical Technology program are in accordance with the philosophy and purpose of the program.

The goals of the Surgical Technology program reflect a desire to provide exemplary occupational/technical education.

The goals of the Surgical Technology program reflect a commitment to assisting students to achieve successful employment in the surgical field and related areas.

The goals of the Surgical Technology program are the basis for the development of program objectives.

The goals of the Surgical Technology program include a nondiscrimination statement pertaining to race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, and economic disadvantage.

## SURGICAL TECHNOLOGY

The goals statement of the Surgical Technology program is approved by the administration of the institution.

## SURGICAL TECHNOLOGY

### GOALS
### (Process)

The goals of the Surgical Technology program are to:

1. Provide education which acknowledges individual differences and respects the right of individuals to seek fulfillment of educational needs.

2. Provide an environment which encourages the individual to benefit and contribute as a partner in the economic progress, development, and stability of Georgia.

3. Provide education which develops the potential of each student to become a productive, responsible, and upwardly mobile member of society.

4. Provide quality surgical technology education in an atmosphere that fosters interest in and enthusiasm for learning.

5. Prepare graduates to function as accountable and responsible members within their field of endeavor.

6. Prepare graduates to function as safe and competent employees in the field of surgical technology and related areas.

7. Prepare program graduates with the highest level of competence possible given the constraints of the interests and ability levels of the individual.

8. Provide educational and related services without regard to race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, or economic disadvantage.

9. Foster employer participation, understanding, and confidence in the instructional process and the competence of Surgical Technology program graduates.

# SURGICAL TECHNOLOGY

## FOUNDATIONS
## (Program Objectives)

Standard Statement

An objectives statement based on established program goals is developed for the Surgical Technology program.

Explanatory Comment

A statewide objectives statement is developed and provided for the Surgical Technology program. The statewide program objectives statement may be augmented at the local level so that the unique circumstances of the community may be accommodated.

Program objectives are desired program outcomes stated in measurable, temporal, and operational terms.

Evaluative Criteria

The Surgical Technology program has a clearly defined, written objectives statement that is reviewed by the program faculty, the administration, and the program advisory committee.

Any addition to the Surgical Technology program objectives statement is developed by the program faculty, administration, and the program advisory committee.

The objectives of the Surgical Technology program stress learning outcomes, efficiency, enrollment, public relations, and other outcomes that impact on program quality.

A major objective of the Surgical Technology program is student achievement of identified exit point competencies.

The objectives of the Surgical Technology program include a nondiscrimination statement pertaining to race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, and economic disadvantage.

The objectives statement of the Surgical Technology program is approved by the administration of the institution.

# SURGICAL TECHNOLOGY

## OBJECTIVES
## (Process)

The objectives of the Surgical Technology program are to:

1. Provide current curriculum, instructional materials, and equipment (in accordance with available funding) which teach knowledge, skills, and attitudes appropriate to industry needs.

2. Provide educational facilities which foster learning and provide safe, healthy environments available and accessible to all students who can benefit from the program.

3. Provide academic instruction which supports effective learning within the program and which enhances professional performance on the job.

4. Provide employability skills which foster work attitudes and work habits that will enable graduates of the program to perform as good employees.

5. Nurture the desire for learning so that graduates will pursue their own continuing education as a lifelong endeavor.

6. Provide an educational atmosphere which promotes a positive self-image and a sense of personal well-being.

7. Provide education that fosters development of good safety habits.

8. Provide admission, educational, and placement services without regard to race, color, national origin, religion, sex, age, or handicapping condition.

9. Provide information to the public regarding the program that will facilitate recruitment and enrollment of students.

10. Promote good public relations via contacts and regular communications with business, industry, and the public sector.

11. Promote faculty and student rapport and communications to enhance student success in the program.

# SURGICAL TECHNOLOGY

## FOUNDATIONS
(Availability)

Standard Statement

Written philosophy, purpose, goals, and objectives statements for the Surgical Technology program are made available to the staff of the institution and the general public.

Explanatory Comment

Published Surgical Technology program philosophy and purpose statements are important recruitment tools that help students to select programs that meet their needs.

Evaluative Criteria

The philosophy and purpose statements of the Surgical Technology program are published and made available to the staff of the institution and the general public.

Written goals and objectives are available for the Surgical Technology program.

Surgical Technology program philosophy, purpose, goals, and objectives statements are used by student services personnel to aid in recruiting and placing students.

# SURGICAL TECHNOLOGY

## FOUNDATIONS
## (Evaluation)

Standard Statement

The philosophy, purpose, goals, and objectives of the Surgical Technology program are evaluated.

Explanatory Comment

The evaluation of the Surgical Technology program philosophy, purpose, goals, and objectives assists the program in meeting student, community, and employment market needs.

Evaluative Criteria

Formal evaluation of the philosophy, purpose, goals, and objectives of the Surgical Technology program is performed annually and documents input from the program faculty, the administration, and the program advisory committee.

Evaluation of the philosophy, purpose, goals, and objectives of the Surgical Technology program is conducted to assure congruence with changing community and employment market needs and Georgia Board of Technical and Adult Education philosophy and purpose statements.

Evaluation of the philosophy, purpose, goals, and objectives of the Surgical Technology program assesses congruence with the requirements of the designated accrediting agency(ies).

Evaluation processes are designed to consider state evaluation processes and requirements and to verify that the philosophy, purpose, goals, and objectives of the Surgical Technology program are being fulfilled.

Evaluation of the philosophy, purpose, goals, and objectives of the Surgical Technology program results in revision, as needed.

# SURGICAL TECHNOLOGY

## ADMISSIONS
(Admission Requirements)

Standard Statement

Statewide admission requirements are implemented for the Surgical Technology program.

Explanatory Comment

Admission refers to regular admission into a diploma granting program.

Students are counseled and provided written information concerning the screening processes and requirements of hospital affiliates. Requirements prior to clinical experiences include documentation of immunizations.

Statewide program admission requirements consider state and national occupational licensing and certifying requirements, where applicable.

The institution develops and implements clearly stated diploma program admissions policies and procedures.

Evaluative Criteria

The requirements for admission to the Surgical Technology program are:
a) attainment of 17 or more years of age;
b) achievement of the 8th grade level in math, reading, and English as shown on a statistically validated test;
c) documentation of a physician's examination;
d) submission of immunization record; and
e) completion of application and related procedures.

Admission of transfer students to the Surgical Technology program is contingent upon their meeting the following requirements:
a) regular admission and good standing at a regionally accredited diploma or degree granting institution; and
b) proper completion of application and related procedures.

# SURGICAL TECHNOLOGY

## ADMISSIONS
(Provisional Admission Requirements)

Standard Statement

Statewide provisional admission requirements are implemented for the Surgical Technology program.

Explanatory Comment

Provisional admission is granted to qualified students who do not meet the regular admission requirements of the program.

Students are counseled and provided written information concerning the screening processes and requirements of hospital affiliates. Requirements prior to clinical experiences include documentation of immunizations.

Provisionally admitted students are allowed to take developmental studies courses and/or certain occupational courses as designated in the course sequence standard.

The institution develops and implements clearly stated policies and procedures for entry into diploma programs on a provisional basis.

Evaluative Criteria

Provisional admission to the Surgical Technology program is afforded those students who do not meet program admission requirements but who meet provisional admission requirements.

The requirements for provisional admission to the Surgical Technology program are:
a) attainment of 17 or more years of age;
b) achievement of the 7th grade level in math and English as shown on a statistically validated test; and
c) completion of application and related procedures.

All Surgical Technology program students initially admitted on a provisional basis meet regular admission requirements prior to graduation.

# SURGICAL TECHNOLOGY

## ADMISSIONS
## (Recruitment)

Standard Statement

The Surgical Technology program recruitment materials and practices are in the best interests of the students, institution, community, and employment market.

Explanatory Comment

The recruitment effort makes potential students aware of the services provided by the Surgical Technology program and the institution.

The recruitment effort seeks to serve the economic development of the community by affording opportunities to prospective students.

The institution develops and implements a systematic, overall recruitment effort designed to assist students in meeting their occupational needs.

Evaluative Criteria

The recruitment effort assists in maintaining and/or increasing the Surgical Technology program and institution enrollments.

The recruitment effort of the Surgical Technology program includes participation in or assistance with:

a) development and dissemination of informational materials;
b) recruitment activities with other programs within the institution;
c) communication with potential students through contact with employers, secondary schools, organizations, the program advisory committee, and others;
d) promotion of Surgical Technology program awareness among individuals and groups; and
e) consideration of the industrial and business needs of the community and employment market.

All recruitment materials and practices are ethical, equitable, and accurate in the depiction of the institution, the Surgical Technology program, and the potential benefits of program completion.

## SURGICAL TECHNOLOGY

A written description of the admission requirements and procedures, tuition fees, and other costs of the Surgical Technology program is made available to potential students.

Students are provided written hospital affiliate requirements as part of the admissions process.

# SURGICAL TECHNOLOGY

## ADMISSIONS
## (Evaluation and Planning)

Standard Statement

An evaluation of the admission requirements of the Surgical Technology program is conducted.

Explanatory Comment

The admission requirements of the Surgical Technology program are compatible with the admissions policies and procedures of the institution.

Evaluative Criteria

Surgical Technology program admission requirements are evaluated annually to assure compliance with Georgia Board of Technical and Adult Education policies and standards and designated accrediting agency requirements.

The administration, with input from the program faculty and advisory committee, conducts an annual evaluation of Surgical Technology program admission requirements to assess their adequacy in meeting the needs of the students, community, and employment market.

The evaluation results are used to modify the admissions procedures of the institution and to suggest Surgical Technology program admission changes to the Georgia Board of Technical and Adult Education, as needed.

# SURGICAL TECHNOLOGY

## PROGRAM STRUCTURE
(Curriculum Design)

Standard Statement

The curriculum of the Surgical Technology program includes four categories of instruction: general core courses, fundamental occupational/technical courses, specific occupational/technical courses, and elective courses.

Explanatory Comment

General core courses and fundamental occupational/technical courses provide the academic and occupational/technical background that supports the specific occupational/technical and elective courses.

Evaluative Criteria

The Surgical Technology program requires student completion of general core courses such as math, language skills, and other courses required by the Georgia Board of Technical and Adult Education.

The Surgical Technology program requires student completion of fundamental occupational/technical courses in introductory concepts, principles, and technologies that provide the foundations for the given occupation and related fields.

The Surgical Technology program requires student completion of specific occupational/technical courses that build on the foundations provided in the fundamental occupational/technical courses.

Surgical Technology program students are offered the opportunity to take state-approved elective courses in order to develop their individual interests.

# SURGICAL TECHNOLOGY

## PROGRAM STRUCTURE
(Program Numbering System)

Standard Statement

A Classification of Instructional Programs (CIP) code is applied to the Surgical Technology program.

Explanatory Comment

Assignment of a statewide CIP code to every diploma/degree program is the basis for consistent program identification.

Evaluative Criteria

The Surgical Technology program is assigned a (PGM) CIP code of (PGM) 17.0211 and is consistent with all other programs throughout the state which have the same (PGM) CIP code.

# SURGICAL TECHNOLOGY

## PROGRAM STRUCTURE
(Program Consistency)

Standard Statement

The Surgical Technology program utilizes essential course components consistent with statewide program requirements.

Explanatory Comment

Programs assigned an identical (PGM) CIP code are consistent statewide.

Evaluative Criteria

The Surgical Technology program is assigned a CIP code of (PGM) 17.0211 and utilizes essential components designated for that program number statewide. Program components include but are not limited to:

a) Program Title

Surgical Technology

b) Program Description

The Surgical Technology program prepares students for employment in a variety of positions in the surgical field. The Surgical Technology program provides learning opportunities which introduce, develop, and reinforce academic and technical knowledge, skills, and attitudes required for job acquisition, retention, and advancement. Additionally, the program provides opportunities to upgrade present knowledge and skills or to retrain in surgical technology. Graduates of the program receive a Surgical Technology diploma and are qualified for employment as surgical technologists.

# SURGICAL TECHNOLOGY

c) Essential Courses — Credits

1) Essential General Core Courses — 13

| | | | |
|---|---|---|---|
| ENG | 101 | English | 5 |
| MAT | 101 | General Mathematics | 5 |
| PSY | 100 | Interpersonal Relations and Professional Development | 3 |

2) Essential Fundamental Technical Courses — 28

| | | | |
|---|---|---|---|
| AHS | 101 | Anatomy and Physiology | 5 |
| SUR | 101 | Introduction to Surgical Technology | 8 |
| SUR | 102 | Principles of Surgical Technology | 8 |
| SUR | 112 | Introductory Surgical Practicum | 7 |

3) Essential Specific Technical Courses — 37

| | | | |
|---|---|---|---|
| SUR | 103 | Surgical Procedures I | 9 |
| SUR | 104 | Surgical Procedures II | 6 |
| SUR | 113 | Specialty Surgical Practicum | 8 |
| SUR | 114 | Advanced Specialty Surgical Practicum | 8 |
| SUR | 124 | Seminar in Surgical Technology | 3 |
| XXX | XXX | Technical or Technically Related Electives | 3 |

d) Program Final Exit Point

Surgical technologist, eligible to sit for a national certification examination

e) Credits Required for Graduation

78 minimum quarter hour credits required for graduation

# SURGICAL TECHNOLOGY

## PROGRAM STRUCTURE
(Credentials)

Standard Statement

The achievement of Surgical Technology program graduates and leavers is documented by the institution.

Explanatory Comment

A program graduate is a student who successfully fulfills all program requirements. A program leaver is a student who exits from the program prior to completion of all program requirements.

Course description documents are based on the course title, the essential course description, the essential competency areas taught, and the number of credits awarded as detailed in the program-specific standards and the listing of state-approved electives.

Evaluative Criteria

The institution grants Surgical Technology program graduates a diploma certifying satisfaction of program requirements.

Upon request, each Surgical Technology program graduate is provided a transcript and course description document detailing courses taken, grades, credits earned, and credential awarded.

Upon request, each Surgical Technology program leaver who has completed one or more courses is provided a transcript and course description document detailing courses taken, grades, and credits earned.

Upon request, each Surgical Technology program leaver who has not completed an entire course is provided a transcript and course description document detailing the course entered and withdrawal.

# SURGICAL TECHNOLOGY

## PROGRAM STRUCTURE
(Course Code)

Standard Statement

A statewide course identification code is applied to each Surgical Technology course.

Explanatory Comment

An alphanumeric identification code is assigned to each course.

All Georgia Board of Technical and Adult Education approved courses are included in the course identification coding system.

Evaluative Criteria

Each course is assigned an alphanumeric descriptor that serves as the statewide course identification code.

The following list contains the Georgia Board of Technical and Adult Education designated course titles and course identification codes of the Surgical Technology program.

| | | |
|---|---|---|
| AHS | 101 | Anatomy and Physiology |
| ENG | 101 | English |
| MAT | 101 | General Mathematics |
| PSY | 100 | Interpersonal Relations and Professional Development |
| SUR | 101 | Introduction to Surgical Technology |
| SUR | 102 | Principles of Surgical Technology |
| SUR | 103 | Surgical Procedures I |
| SUR | 104 | Surgical Procedures II |
| SUR | 112 | Introductory Surgical Practicum |
| SUR | 113 | Specialty Surgical Practicum |
| SUR | 114 | Advanced Specialty Surgical Practicum |
| SUR | 124 | Seminar in Surgical Technology |

# SURGICAL TECHNOLOGY

## PROGRAM STRUCTURE
(Course Consistency)

Standard Statement

Courses assigned a given course identification code are consistent.

Explanatory Comment

Courses assigned the same course identification code are consistent throughout the state.

One quarter equals a minimum of 50 instructional days. One contact hour equals a minimum of 50 minutes of instruction.

Clinical practicums are a form of occupation-based instruction (O.B.I.).

One (l) quarter hour credit is defined as follows:

a) class - One contact hour of class per week for the duration of a quarter equals one quarter hour credit; class is defined as instruction which emphasizes group or individualized classroom learning.

b) demonstration laboratory (D.Lab) - Two contact hours of demonstration laboratory per week for the duration of a quarter equals one quarter hour credit; demonstration laboratory is defined as instruction which emphasizes teacher assisted learning activities.

c) practical performance laboratory (P.Lab) - Three contact hours of practical performance laboratory per week for the duration of a quarter equals one quarter hour credit; practical performance laboratory is defined as instruction which emphasizes structured activities requiring the application and practice of occupational competencies.

d) occupation-based instruction (O.B.I.) - Three contact hours of occupation-based instruction per week for the duration of a quarter equals one quarter hour credit; occupation-based instruction is defined as instruction which emphasizes supervised work-experience activities requiring the application of occupational competencies.

## SURGICAL TECHNOLOGY

Evaluative Criteria

Each course assigned a given course identification code utilizes certain components identical to those designated for that course identification code statewide.

Components designated for each course identification code include:

a) course title;
b) essential course description;
c) essential competency areas taught; and
d) number of quarter hour credits awarded for course completion.

## SURGICAL TECHNOLOGY

Courses in the Surgical Technology program include:

### AHS 101 - ANATOMY AND PHYSIOLOGY

Focuses on basic normal structure and function of the human body. Topics include: an overview of each body system, how systems coordinate activities to maintain a balanced state, recognizing deviations from the normal, and medical terminology including basic word structure and terms related to body structure and function are taught as an integral part of the course.

| Competency Areas | Hours |
|---|---|
| - Structure and Function of Human Body<br>- Medical Terms Describing the Human Body | Class/Week -5<br>Lab/Week - 0<br>Credit - 5 |

Prerequisite: Provisional admission

### ENG 101 - ENGLISH

Emphasizes the development and improvement of written and oral communication abilities. Topics include: analysis of writing techniques used in selected readings, writing practice, editing and proofreading, research skills, and oral presentation skills. Homework assignments reinforce classroom learning.

| Competency Areas | Hours |
|---|---|
| - Analysis of Writing Techniques Used in Selected Readings<br>- Writing Practice<br>- Editing and Proofreading<br>- Research Skills<br>- Oral Presentation Skills | Class/Week - 5<br>Lab/Week - 0<br>Credit - 5 |

Prerequisite: Program admission level English and reading competency

## SURGICAL TECHNOLOGY

### MAT 101 - GENERAL MATHEMATICS

Emphasizes mathematical skills that can be applied to the solution of occupational and technical problems. Topics include: properties of numbers, fractions, decimals, percents, ratio/proportion, measurements and conversions, exponents, and geometric and technical formulas. Class includes lectures, applications, and homework to reinforce learning.

| Competency Areas | Hours |
|---|---|
| - Properties of Numbers | Class/Week - 5 |
| - Fractions | Lab/Week - 0 |
| - Decimals | Credit - 5 |
| - Percents | |
| - Ratio and Proportion | |
| - Measurement and Conversion | |
| - Exponents and Radicals | |
| - Geometric and Technical Formulas | |

Prerequisite: Program admission level math competency

### PSY 100 - INTERPERSONAL RELATIONS AND PROFESSIONAL DEVELOPMENT

Provides a study of human relations and professional development in today's rapidly changing world that prepares students for living and working in a complex society. Topics include: personal skills required for an understanding of self and others; projecting a professional image; job acquisition skills such as conducting a job search, interviewing techniques, job application, and resume preparation; desirable job performance skills; and desirable attitudes necessary for job retention and advancement.

| Competency Areas | Hours |
|---|---|
| - Human Relations Skills | Class/Week - 3 |
| - Job Acquisition Skills | Lab/Week - 0 |
| - Job Retention Skills | Credit - 3 |
| - Job Advancement Skills | |
| - Professional Image Skills | |

Prerequisite: Provisional admission

## SURGICAL TECHNOLOGY

### SUR 101 - INTRODUCTION TO SURGICAL TECHNOLOGY

Provides an overview of the surgical field and develops the fundamental concepts and principles necessary to successful participation on a surgical team. Topics include: orientation to surgical technology, cardiopulmonary resuscitation (CPR), introduction to microbiology, and asepsis and the surgical environment.

| Competency Areas | Hours |
|---|---|
| - Orientation to Surgical Technology | Class/Week - 6 |
| - Cardiopulmonary Resuscitation (CPR) | D.Lab/Week - 4 |
| - Introduction to Microbiology | Credit - 8 |
| - Asepsis and the Surgical Environment | |

Prerequisite: Provisional admission

### SUR 102 - PRINCIPLES OF SURGICAL TECHNOLOGY

Introduces student to patient care concepts and practices and provides continued study of surgical team participation. Topics include: patient care concepts such as preoperative routine, positioning, preparation, draping, and related nursing procedures; introduction to pharmacology; and supplies and equipment.

| Competency Areas | Hours |
|---|---|
| - Patient Care Concepts | Class/Week - 6 |
| - Introduction to Pharmacology | D.Lab/Week - 4 |
| - Supplies and Equipment | Credit - 8 |

Prerequisites: AHS 101, MAT 101, SUR 101

## SURGICAL TECHNOLOGY

### SUR 103 - SURGICAL PROCEDURES I

Introduces students to surgical procedures, incisions, wound closure, operative pathology, and common complications as applied to general and specialty surgery. Topics include: introduction to surgical procedures, general surgery, gynecological surgery, gastrointestinal surgery, genitourinary surgery, and head and neck surgery.

| Competency Areas | Hours |
|---|---|
| - Introduction to Surgical Procedures | Class/Week - 8 |
| - General Surgery | D.Lab/Week - 2 |
| - Gynecological Surgery | Credit - 9 |
| - Gastrointestinal Surgery | |
| - Genitourinary Surgery | |
| - Head and Neck Surgery | |

Prerequisite: SUR 102

### SUR 104 - SURGICAL PROCEDURES II

Continues development of student knowledge and skills applicable to specialty surgery areas. Topics include: ophthalmic surgery, orthopedic surgery, plastic surgery, thoracic surgery, vascular surgery, cardiovascular surgery, and neurosurgery.

| Competency Areas | Hours |
|---|---|
| - Ophthalmic Surgery | Class/Week - 5 |
| - Orthopedic Surgery | D.Lab/Week - 2 |
| - Plastic Surgery | Credit - 6 |
| - Thoracic Surgery | |
| - Vascular Surgery | |
| - Cardiovascular Surgery | |
| - Neurosurgery | |

Prerequisite: SUR 103

## SURGICAL TECHNOLOGY

### SUR 112 - INTRODUCTORY SURGICAL PRACTICUM

Orients students to the clinical environment and provides experience with basic skills necessary to the surgical technologist. Topics include: scrubbing, gowning, gloving, and draping; assistance with patient care; processing of instruments and supplies; creation and maintenance of a sterile field; basic instrumentation; and environmental sanitation.

| Competency Areas | Hours |
|---|---|
| - Scrubbing, Gowning, Gloving, and Draping | Class/Week - 0 |
| - Assistance With Patient Care | O.B.I./Week - 21 |
| - Processing of Instruments and Supplies | Credit - 7 |
| - Maintenance of a Sterile Field | |
| - Basic Instrumentation | |
| - Environmental Sanitation | |

Prerequisites: Program admission, AHS 101 and SUR 101 (taken no longer than 6 months prior to enrollment in SUR 112)
Prerequisite/Corequisite: SUR 102

## SURGICAL TECHNOLOGY

### SUR 113 - SPECIALTY SURGICAL PRACTICUM

Continues development of surgical team participation through clinical experience. Emphasis is placed on observation of and/or participation in routine procedures and procedures for general and specialty surgery. Topics include: assistance, scrubbing, and circulation on routine procedures; and participation in or observation of surgical teams involved with general, gastrointestinal, gynecological, genitourinary, and head and neck surgery.

| Competency Areas | Hours |
|---|---|
| - Assistance, Scrubbing, and Circulation on Routine Procedures<br>- Participation in and/or Observation of General Surgery<br>- Participation in and/or Observation of Gastrointestinal Surgery<br>- Participation in and/or Observation of Gynecological Surgery<br>- Participation in and/or Observation of Genitourinary Surgery<br>- Participation in and/or Observation of Head and Neck Surgery. | Class/Week - 0<br>O.B.I./Week - 24<br>Credit - 8 |

Prerequisite/Corequisite: SUR 103

## SURGICAL TECHNOLOGY

### SUR 114 - ADVANCED SPECIALTY SURGICAL PRACTICUM

Provides opportunity for students to complete all required surgical technology procedures through participation in and/or observation of surgery in the hospital environment or simulations in the technical institute. Topics include: primary scrub on general and specialty surgical procedures; secondary scrub on expanded specialty procedures; participation in and/or observation of a surgical team conducting ophthalmic, orthopedic, plastic, thoracic, vascular, cardiovascular, and neurosurgery procedures; and completion of all required surgical technology clinical competencies.

| Competency Areas | Hours |
|---|---|
| - Primary Scrub on General Surgical Procedures | Class/Week - 0 |
| - Primary Scrub on Specialty Surgical Procedures | O.B.I./Week - 24 |
| - Secondary Scrub on Expanded Specialty Procedures | Credit - 8 |
| - Participation in and/or Observation of a Surgical Team Conducting Ophthalmic, Orthopedic, Plastic, Thoracic, Vascular, Cardiovascular, and Neurosurgery Procedures | |
| - Completion of All Required Surgical Clinical Competencies | |

Prerequisite/Corequisite: SUR 104

### SUR 124 - SEMINAR IN SURGICAL TECHNOLOGY

Prepares students for entry into careers as surgical technologists and enables them to effectively review for the national certification examination. Topics include: professional preparation, certification review, and test-taking skills.

| Competency Areas | Hours |
|---|---|
| - Professional Preparation | Class/Week - 3 |
| - Certification Review | Lab/Week - 0 |
| - Test-Taking Skills | Credit - 3 |

Prerequisite/Corequisite: SUR 114

# SURGICAL TECHNOLOGY

## PROGRAM STRUCTURE
(Course Sequence)

Standard Statement

The Surgical Technology program requires students to progress through the four instructional course categories in a developmentally valid sequence.

Explanatory Comment

The four instructional course categories are: general core courses, fundamental occupational/technical courses, specific occupational/technical courses, and elective courses.

A developmentally valid instructional sequence is one in which the student acquires prerequisite knowledge and skills before progressing to more advanced studies.

Evaluative Criteria

The Surgical Technology program requires students to complete prerequisite courses prior to enrolling in subsequent courses.

Provisions are made for Surgical Technology program students to exempt courses in which they are competent.

The Surgical Technology program complies with the required provisional admission, program admission, and/or program admission level competency prerequisites listed below.

The Surgical Technology program reflects the suggested course prerequisites and/or corequisites listed below.

(In the list below prerequisites are indicated by [P]
and prerequisites/corequisites are indicated by [P/C].)

| Courses | | Sequence |
|---|---|---|
| AHS 101 | Anatomy and Physiology | [P] Provisional admission |
| ENG 101 | English | [P] Program admission level English and reading competency |

## SURGICAL TECHNOLOGY

| | | |
|---|---|---|
| MAT101 | General Mathematics | [P] Program admission level math competency |
| PSY 100 | Interpersonal Relations and Professional Development | [P] Provisional admission |
| SUR 101 | Introduction to Surgical Technology | [P] Provisional admission |
| SUR 102 | Principles of Surgical Technology | [P] AHS 101, MAT 101, SUR 101 |
| SUR 103 | Surgical Procedures I | [P] SUR 102 |
| SUR 104 | Surgical Procedures II | [P] SUR 103 |
| SUR 112 | Introductory Surgical Practicum | [P] Program admission, AHS 101 and SUR 101, (taken no longer than 6 months prior to enrollment in SUR 112) |
| | | [P/C] SUR 102 |
| SUR 113 | Specialty Surgical Practicum | [P/C] SUR 103 |
| SUR 114 | Advanced Specialty Surgical Practicum | [P/C] SUR 104 |
| SUR 124 | Seminar in Surgical Technology | [P/C] SUR 114 |

# SURGICAL TECHNOLOGY

## PROGRAM STRUCTURE
(Electives)

Standard Statement

Electives are made available for the Surgical Technology program.

Explanatory Comment

Surgical Technology program students are provided opportunities to enroll in state-approved elective courses. Elective courses utilize the following components: course title, essential course description, essential competency areas, and number of credits awarded for course completion.

Required courses for a diploma program are available to other diploma programs as elective courses.

Evaluative Criteria

Electives are established utilizing the following process:

a) The administration of the institution, the program faculty, and the program advisory committee cooperate in establishing and utilizing a system to recommend needed and feasible elective courses;
b) The administration of the institution, the program faculty, and the program advisory committee communicate with the statewide program technical committee and appropriate staff of the Georgia Department of Technical and Adult Education concerning the proposed elective(s);
c) The administration of the institution, the program faculty, and the program advisory committee consider revisions and prepare a final elective course proposal;
d) The administration of the institution presents the elective course proposal to the appropriate staff of the Georgia Department of Technical and Adult Education;
e) The staff of the Georgia Department of Technical and Adult Education reviews the proposal using its established criteria for evaluating elective courses.

Electives are made available for the Surgical Technology program and elective courses are offered as program graduation requirements.

# SURGICAL TECHNOLOGY

## PROGRAM STRUCTURE
(Course Transferability)

Standard Statement

Surgical Technology program courses are transferable on the basis of their course identification code.

Explanatory Comment

Courses assigned identical course identification codes include consistent essential competency areas; therefore, resultant credits are guaranteed transferability between programs and institutions under the jurisdiction of the Georgia Board of Technical and Adult Education.

Courses that do not have an assigned course identification code but include similar essential competency areas are selectively transferable.

Evaluative Criteria

Surgical Technology program courses assigned designated course identification codes are transferable between programs and institutions under the jurisdiction of the Georgia Board of Technical and Adult Education.

Courses taken outside the Georgia Technical and Adult Education system are selectively accepted for transfer on the basis of similarity in competency areas as determined by the Surgical Technology program faculty and admissions officers.

Only those courses in which a grade of C or better was awarded are transferable.

# SURGICAL TECHNOLOGY

## PROGRAM EVALUATION AND PLANNING
(Program Evaluation)

Standard Statement

A written evaluation procedure is developed and implemented for the Surgical Technology program.

Explanatory Comment

Program evaluation procedures vary depending upon the nature of the institution and the program. The administration and program faculty, in association with the program advisory committee, develop and implement program evaluation procedures and data collection techniques that are reasonable and realistic for yearly evaluation purposes.

Surgical Technology program faculty and administrative personnel work together to determine student enrollment, attrition, graduation, placement, and performance levels.

Evaluative Criteria

A procedure for continuous Surgical Technology program evaluation is developed and implemented by the administration of the institution, program faculty, and program advisory committee. Formal evaluation of the Surgical Technology program is conducted and documented annually.

The Surgical Technology program evaluation procedure is used to determine the extent to which program goals and objectives are achieved.

The Surgical Technology program evaluation results are used to determine the adequacy of the existing program to meet current occupational needs.

The Surgical Technology program evaluation procedure is used to ascertain the consistency of the philosophy, purpose, goals, and objectives of the program with those of the institution, the Georgia Board of Technical and Adult Education, and the designated accrediting agency(ies).

The Surgical Technology program evaluation procedure includes review of student program evaluations, enrollment, attrition, graduation, placement, and student performance levels.

## SURGICAL TECHNOLOGY

The Surgical Technology program evaluation procedure includes consultation with the program advisory committee, frequent communication with employers, analysis of placement and follow-up data, and collection of other information to evaluate and document program relevance.

Surgical Technology program evaluation results are used to plan program improvements.

# SURGICAL TECHNOLOGY

## PROGRAM EVALUATION AND PLANNING
(Program Planning)

Standard Statement

A written planning procedure is developed and implemented for the Surgical Technology program.

Explanatory Comment

The Surgical Technology program planning procedure allows responsiveness to the changing needs of the community and employment market.

The Surgical Technology program is evaluated at the institutional level by the students, instructors, program advisory committee, and administration; from this documented data, short-range and long-range program planning is developed.

Evaluative Criteria

A Surgical Technology program planning procedure is developed and implemented by the administration of the institution and program faculty. Formal planning for the Surgical Technology program is conducted and documented annually.

The Surgical Technology program planning procedure utilizes program evaluation results to facilitate provision of program offerings of sufficient quality and scope to meet community and employment market needs.

The Surgical Technology program planning procedure considers recommendations for program and course continuation, addition, deletion, and/or modification based on needs assessment information and input from the administration of the institution, the program faculty, and the advisory committee.

The Surgical Technology program planning procedure considers information from appropriate national, state, and local governmental and non-governmental agencies.

The Surgical Technology program planning procedure considers information such as demographic studies, occupational surveys, current curricula, cost estimates, instructor availability, equipment needs, and projected enrollment figures that include special populations.

## SURGICAL TECHNOLOGY

The Surgical Technology program planning procedure satisfies the program planning requirements of the designated accrediting agency(ies).

# SURGICAL TECHNOLOGY

## PROGRAM EVALUATION AND PLANNING
(Enrollment, Graduation, and Placement Levels)

Standard Statement

An evaluation of the enrollment, graduation, and placement levels of the Surgical Technology program is conducted.

Explanatory Comment

Acceptable Surgical Technology program outcomes (enrollment, graduation, and placement levels) are identified in the Evaluation, Planning, and Budgeting (EPB) model.

Evaluative Criteria

Annual evaluation of Surgical Technology program enrollment, graduation, and placement statistics is conducted and documented by the administration and program faculty.

Surgical Technology program evaluation findings are compared with acceptable outcome levels designated for state evaluation requirements.

Factors contributing to the outcomes of the Surgical Technology program are identified and analyzed. Where enrollment, graduation, and/or placement levels are unacceptable, appropriate corrective action is taken.

# SURGICAL TECHNOLOGY

## PROGRAM EVALUATION AND PLANNING
(Attrition Levels)

Standard Statement

An analysis of the attrition level of the Surgical Technology program is conducted and used in evaluating and improving the program.

Explanatory Comment

Attrition level is a measure of the number of students who withdraw from a program prior to completion of graduation requirements.

Attrition levels vary from one type of program to another depending on the nature of the program and the student population. The attrition level of the Surgical Technology program is compared with relevant, available national norms and other data.

Evaluative Criteria

Annual evaluation of the attrition level of the Surgical Technology program is conducted and documented by the program faculty.

Factors contributing to the attrition level are identified and analyzed, and appropriate corrective action is taken.

# SURGICAL TECHNOLOGY

## INSTRUCTIONAL PROGRAM
(Course Content)

Standard Statement

The essential content of each Surgical Technology course is consistent statewide for courses having the same course identification code.

Explanatory Comment

Course content is defined in terms of competency areas taught. The program-specific standards of the Georgia Board of Technical and Adult Education detail the essential competency areas for each course identification code.

Evaluative Criteria

The content of each Surgical Technology course having a given course identification code includes, but is not limited to, essential competency areas identified for that course identification code.

Competency areas included in the Surgical Technology course content reflect advances in the subject area and occupational field and respond to student, community, and employment market needs.

The overall content of each Surgical Technology course is consistent with established program goals and objectives.

# SURGICAL TECHNOLOGY

## INSTRUCTIONAL PROGRAM
(Course Objectives)

Standard Statement

Each Surgical Technology program course is constructed on the basis of course objectives.

Explanatory Comment

Course objectives are desired student performance outcomes stated in measurable performance terms.

The Surgical Technology program faculty coordinates the planning of course objectives, outlines, and syllabi in an effort to facilitate program efficiency and consistency.

Evaluative Criteria

The objectives of each Surgical Technology course are derived from established program objectives.

Surgical Technology course outlines and lesson plans are based on course objectives.

# SURGICAL TECHNOLOGY

## INSTRUCTIONAL PROGRAM
(Course Instruction)

Standard Statement

Suitable instructional techniques and resources facilitate the fulfillment of Surgical Technology course objectives.

Explanatory Comment

A wide variety of instructional techniques and resources are used to direct student learning experiences.

Evaluative Criteria

Course outlines, syllabi, and group or individual lesson preparations serve to organize instruction in each Surgical Technology classroom and laboratory.

Instructional materials such as competency tests, text books, instruction sheets, audiovisuals, and computer programs are utilized to meet Surgical Technology program goals and objectives and enhance instructional effectiveness.

Teaching methods, materials, and procedures make provisions for individual differences, needs, and capabilities. Opportunities for remediation are provided to students as needed.

Student learning experiences include theoretical instruction and practical application of knowledge. The ratio of theoretical to practical instruction depends on the nature of program competencies.

Student progress is systematically monitored, evaluated, and recorded by the Surgical Technology program faculty as part of the instructional process.

Desirable employability skills are integrated into Surgical Technology course instruction and are modeled by the instructor.

Academic skills are integrated into Surgical Technology course instruction and are modeled by the instructor.

A syllabus which outlines course objectives, requirements, content, and evaluation techniques is made available to students enrolled in each Surgical Technology course.

## SURGICAL TECHNOLOGY

Instructional methods are evaluated routinely, and evidence of improvement is collected and documented by the Surgical Technology program faculty.

# SURGICAL TECHNOLOGY

## INSTRUCTIONAL PROGRAM
(Occupation-Based Instruction)

Standard Statement

The Surgical Technology program offers effective occupation-based instructional delivery where appropriate.

Explanatory Comment

Occupation-based instructional delivery systems include educational work experiences, internships, practicums, and other specialized and/or innovative learning arrangements.

Diploma programs that require internships, work experience arrangements, and/or other occupation-based instructional experiences do so on the basis of designated essential competency areas and courses for the given program.

Evaluative Criteria

Any internship, on-the-job training arrangement, or other educational work experience that is a Surgical Technology program requirement or elective is:

a) listed as a course having a course identification code;
b) assigned course credit and required tuition;
c) defined by the same requirements for statewide course title, essential course description, and essential competency areas as any other diploma/degree program course;
d) controlled and supervised by the institution, Surgical Technology program faculty, and/or the person designated to coordinate work experience courses; and
e) managed through the use of prescribed individual training plans that detail required student learning and performance objectives and appropriate agreements between institutions and work experience supervisors.

# SURGICAL TECHNOLOGY

## INSTRUCTIONAL PROGRAM
(Evaluation of Students)

Standard Statement

A system for evaluation of students is developed and implemented by the Surgical Technology program faculty.

Explanatory Comment

Evaluation of students is based on tests, observations, records, interviews, homework, projects, and/or other evidence of student performance.

Evaluative Criteria

The Surgical Technology program system for evaluation of students is consistent with institutional grading policies.

The faculty of the Surgical Technology program develops, implements, and disseminates a written system for evaluation of students.

The Surgical Technology program system for evaluation of students reflects the philosophy, purpose, goals, and objectives of the program.

The Surgical Technology program system for evaluation of students requires use of competency-based measures of student performance.

The Surgical Technology program system for evaluation of students requires use of both formative and summative evaluation.

The Surgical Technology program system for evaluation of students includes evaluation and documentation of student achievement in both course specific knowledge and practical application.

The Surgical Technology program system for evaluation of students includes evaluation and documentation of student achievement in the cognitive, affective, and psychomotor domains.

The Surgical Technology program system for evaluation of students is reviewed annually and revised, as necessary.

Standard Number:
47-05-06

# SURGICAL TECHNOLOGY

## INSTRUCTIONAL PROGRAM
(Grading System)

Standard Statement

The Surgical Technology program implements statewide grading standards.

Explanatory Comment

Program grading systems vary in detail but are consistent regarding major principles.

Evaluative Criteria

The faculty of the Surgical Technology program develops, implements, and disseminates a written grading system that incorporates statewide grading standards.

The grading system reflects the objectives of the Surgical Technology program.

The grading system of the Surgical Technology program is used to promote student awareness of learning progress.

The grading system of the Surgical Technology program bases grades in occupational courses on documented measures of student knowledge, practical application of knowledge, and employability skills.

The grading system of the Surgical Technology program establishes passing grades that document student achievement of course competencies at levels acceptable for job entry.

The grading system of the Surgical Technology program requires use of a grading scale whereby 90 to 100% is an A, 80 to 89% is a B, 70 to 79% is a C, 65 to 69% is a D, and 0 to 64% is an F.

The grading system of the Surgical Technology program recommends the minimum course grade of C required for progress from specified courses to more advanced courses.

The grading system of the Surgical Technology program is evaluated annually by the program faculty and revised, as needed.

Standard Number:
47-05-07

# SURGICAL TECHNOLOGY

## INSTRUCTIONAL PROGRAM
(Laboratory Management)

Standard Statement

A system for instructional laboratory management is developed and implemented by the faculty of the Surgical Technology program.

Explanatory Comment

An established laboratory management system facilitates productive instructional laboratory operation.

Evaluative Criteria

The faculty of the Surgical Technology program develops and implements a written laboratory management system.

The laboratory management system is disseminated to Surgical Technology program students and faculty.

Institutional policies regarding safety, liability, and laboratory operation are reflected in the Surgical Technology program laboratory management procedure.

The Surgical Technology program laboratory management system is consistent with the goals and objectives of the program.

The Surgical Technology program laboratory management system maximizes the instructional usefulness of student laboratory experiences. The laboratory management system is designed to meet student needs in learning program competencies.

The Surgical Technology program laboratory management system complies with and stresses safety practices, requires that safety instruction precede laboratory instruction, and establishes required safety tests.

The Surgical Technology program laboratory management system is developed using input from program faculty, advisory committee members, and, when possible, students.

The laboratory management system is evaluated annually and revised, as needed.

# SURGICAL TECHNOLOGY

## INSTRUCTIONAL PROGRAM
(Equipment, Supplies, and Materials)

Standard Statement

The furnishings, equipment, supplies, and materials for the Surgical Technology program are sufficient, appropriate, and adequately maintained to support safe and effective instruction.

Explanatory Comment

Program equipment, supplies, and materials include items used in a given occupation and items used in the delivery of instruction.

Evaluative Criteria

Current and adequately maintained furnishings, equipment, supplies, and materials are available to meet the instructional goals and performance objectives of the Surgical Technology program.

Students in the Surgical Technology program are helped to develop transferable occupational skills by using instructional equipment, tools, materials, and supplies that are comparable to those currently used in the occupational field. Tools and equipment reflect industry quality standards.

The furnishings, equipment, supplies, and materials used in the Surgical Technology program meet or exceed applicable local, state, and federal health and safety standards.

The Surgical Technology program makes provisions to ensure that all health and safety equipment, machine guards, fixtures, materials, and supplies required by local codes, state law, and professional practice are available and maintained in working order.

The Surgical Technology program requires that applicable personal safety devices, equipment, and supplies are available, utilized, and maintained in working order.

First aid supplies appropriate for the Surgical Technology program are available throughout each program area.

Surgical Technology program equipment, supplies, and materials are installed, color coded, controlled, ventilated, and/or stored in accordance with applicable health and safety codes.

## SURGICAL TECHNOLOGY

The Surgical Technology program implements an equipment, materials, and supplies management system that delineates proper procedures for purchasing, maintaining, locating, storing, inventorying, securing, distributing, repairing, replacing, and safely using instructional items.

The Surgical Technology program utilizes its advisory committee and other inputs in implementing annual evaluation and planning procedures to maintain or improve the adequacy, safety, and management of equipment, materials, and supplies.

Standard Number:
47-05-10

# SURGICAL TECHNOLOGY

## INSTRUCTIONAL PROGRAM
(Physical Facility)

Standard Statement

The Surgical Technology program is provided with adequate and appropriate facilities.

Explanatory Comment

The facilities for the Surgical Technology program vary depending on enrollments, learning activities involved, instructional equipment used, indoor and/or outdoor instruction involved, and other factors.

Evaluative Criteria

Space allocations for the Surgical Technology program are appropriate for the number of students enrolled and the type of instructional activity involved.

The physical facilities for the Surgical Technology program are designed to facilitate instructional delivery, allow program flexibility, accommodate instructional management, protect students and staff against safety hazards, protect equipment from loss or damage, provide accessibility to all students, and create a positive atmosphere for effective learning.

The physical facilities for the Surgical Technology program are arranged to separate noise-producing activities from those that require a quiet environment, to expedite student traffic flow, and to prevent disruption of instruction.

Water, electricity, and other utilities are safely and conveniently provided to the Surgical Technology program on the basis of instructional needs.

The Surgical Technology program is provided with lighting, heating, cooling, ventilation, and any specialized control systems needed to maintain healthy and safe working conditions and meet instructional requirements.

The physical facilities for the Surgical Technology program include classrooms, laboratories, and/or other specialized learning areas needed to meet instructional requirements.

The institution provides adequate and appropriate non-instructional facilities including offices, restrooms, storage areas, and any other specialized areas needed to meet Surgical Technology program needs.

## SURGICAL TECHNOLOGY

The facilities for the Surgical Technology program are maintained regularly and operated effectively and cost efficiently.

The Surgical Technology program faculty and advisory committee conduct an annual facility evaluation which contributes to the overall institutional facility review process.

Standard Number:
47-06-01

# SURGICAL TECHNOLOGY

## ACADEMIC SKILLS
(Academic Requirements)

Standard Statement

Academic achievement standards are established for the Surgical Technology program.

Explanatory Comment

Examples of academic skills include, but are not limited to, communication skills, reading comprehension skills, and computation skills.

Developmental studies assists students to improve skills such as language usage, reading, and computation prior to regular program admission.

Evaluative Criteria

The Surgical Technology program utilizes academic achievement standards for admission that reflect skills necessary for successful participation in the instructional program.

The institution offers developmental studies to students who do not meet academic achievement standards for program admission.

The institution offers a required general core curriculum consisting of academic instruction.

Opportunities for academic remediation are provided to students while enrolled in Surgical Technology program courses.

The Surgical Technology program utilizes academic evaluation achievement standards that reflect skills necessary for successful performance on the job.

Where a state-approved evaluation has not been established, evaluation of essential academic skills is conducted according to standards developed by the local program faculty.

# SURGICAL TECHNOLOGY

## EMPLOYABILITY SKILLS
(Job Acquisition)

Standard Statement

Job acquisition competency areas are integrated into the curriculum of the Surgical Technology program.

Explanatory Comment

Employability skills refer to the basic academic, interpersonal, reasoning, and problem solving skills that, when transferred to the occupational setting, facilitate job acquisition, retention, and advancement.

Job acquisition competency areas consist of essential employability skills that directly influence the ability to obtain employment.

Evaluative Criteria

The faculty of the Surgical Technology program ensures that job acquisition competency areas are included in the curriculum.

Job acquisition competency areas include, but are not limited to, the following:
a) job search;
b) job application and resume preparation;
c) interviewing; and
d) job marketing.

The faculty of the Surgical Technology program utilizes job follow-up data, current research, and the expertise of the program advisory committee to evaluate and update the delivery of program employability skills training.

The faculty of the Surgical Technology program assists in providing student employment information to the job placement office.

The faculty of the Surgical Technology program encourages and guides students in preparing occupationally appropriate job acquisition materials such as applications, resumes, letters of reference, work histories, course descriptions or outlines, transcripts, and other related information.

## SURGICAL TECHNOLOGY

The media collection includes multi-media employability information appropriate for classroom and individual student use.

# SURGICAL TECHNOLOGY

## EMPLOYABILITY SKILLS
(Job Retention and Advancement)

Standard Statement

Job retention and advancement competency areas are integrated into the curriculum of the Surgical Technology program.

Explanatory Comment

Employability skills refer to the basic academic, interpersonal, reasoning, and problem solving skills that, when transferred to the occupational setting, facilitate job acquisition, retention, and advancement.

Job retention and advancement competency areas consist of desirable job performance skills and attitudes that directly influence the ability to maintain employment or achieve an improved employment role.

Evaluative Criteria

The faculty of the Surgical Technology program ensures that job retention and advancement competency areas are included in the curriculum.

The Surgical Technology program curriculum stresses professional job performance required for maintaining and advancing in a job including, but not limited to, demonstration of:

a) knowledge of occupational and academic skills;
b) quality work standards;
c) productivity;
d) communication skills;
e) punctuality;
f) problem solving skills;
g) interpersonal skills;
h) confidentiality; and
i) knowledge of the career ladder.

## SURGICAL TECHNOLOGY

The Surgical Technology program curriculum stresses professional attitudes required for maintaining and advancing in a job including, but not limited to, demonstration of:

a) cooperativeness;
b) pleasantness;
c) responsibility;
d) self-control;
e) enthusiasm;
f) flexibility;
g) helpfulness;
h) loyalty; and
i) willingness to learn.

The Surgical Technology program faculty utilizes job follow-up data, current research, and the expertise of the program advisory committee to evaluate and update the delivery of program employability skills training.

The Surgical Technology program faculty assists in providing student employment information to the job placement office.

Standard Number:
47-08-01

# SURGICAL TECHNOLOGY

## STAFF
(Faculty Qualifications and Responsibilities)

Standard Statement

Qualified faculty are responsible for carrying out the purpose, goals, and objectives of the Surgical Technology program.

Explanatory Comment

Essential faculty qualifications and responsibilities are detailed in the Certification Manual and the program-specific standards established by the Georgia Board of Technical and Adult Education.

Evaluative Criteria

The qualifications for each Surgical Technology program part-time or full-time faculty member meet the requirements specified in the Certification Manual of the Georgia Board of Technical and Adult Education, as appropriate, and the requirements of the designated accrediting agency(ies).

The responsibilities of each Surgical Technology program part-time or full-time faculty member are in compliance with the requirements specified in the Georgia Board of Technical and Adult Policy Manual and are in conformance with the requirements of the designated accrediting agency(ies).

The faculty of the Surgical Technology program use annual staff development opportunities to assure achievement of occupational and instructional competency.

# SURGICAL TECHNOLOGY

## ADVISORY COMMITTEE
(Function)

Standard Statement

A program advisory committee provides expert support for the Surgical Technology program.

Explanatory Comment

A program advisory committee is established to promote interaction between the Surgical Technology program and businesses and industries served by the program.

Faculty use the expertise of the advisory committee to improve program content and operation.

Evaluative Criteria

The Surgical Technology program advisory committee assists with developing short-range and long-range plans.

The Surgical Technology program advisory committee provides advice regarding curriculum content to ensure that courses relate to present and future employment needs.

The Surgical Technology program advisory committee makes suggestions regarding the modification, addition, or deletion of course offerings.

The Surgical Technology program advisory committee supports the program through public relations activities.

The Surgical Technology program advisory committee makes recommendations regarding the design and use of physical facilities.

The Surgical Technology program advisory committee makes recommendations regarding the selection and maintenance of equipment.

## SURGICAL TECHNOLOGY

The Surgical Technology program advisory committee assists in evaluation of program effectiveness, job development, job placement, program promotion, evaluation in relation to standards, program advocacy, and industrial support of the program.

The Surgical Technology program advisory committee submits its recommendations regarding program related changes to the appropriate state-level technical committee for review on an annual basis.

The Surgical Technology program faculty provides documented evidence that program advisory committee recommendations are considered and that specific action is taken on each recommendation.

# SURGICAL TECHNOLOGY

## ADVISORY COMMITTEE
(Membership)

Standard Statement

The membership of the Surgical Technology program advisory committee is representative of the community and employment market served by the program.

Explanatory Comment

The Surgical Technology program advisory committee is composed primarily of persons in the industry served by the program and includes persons within the community and employment market who positively impact the program.

Evaluative Criteria

The faculty of the Surgical Technology program, in cooperation with the administration of the institution, selects the advisory committee.

The Surgical Technology program advisory committee includes a cross-section of representatives from program-related businesses and industries.

The Surgical Technology program advisory committee includes program-related business and industry representatives who have varying occupational positions.

The Surgical Technology program advisory committee includes faculty as ex officio members.

The Surgical Technology program advisory committee is composed of a minimum of five members.

The Surgical Technology program advisory committee maintains a base of experienced members while acquiring new members.

The Surgical Technology program advisory committee members are recognized for their dedication and effort to improve the quality of education.

# SURGICAL TECHNOLOGY

## ADVISORY COMMITTEE
(Meetings)

Standard Statement

Surgical Technology program advisory committee meetings have a planned program of work.

Explanatory Comment

Regularly scheduled formal advisory committee meetings focus on planning, developing, implementing, and evaluating the Surgical Technology programs.

Evaluative Criteria

The Surgical Technology program advisory committee has an annual program of work on file.

The Surgical Technology program advisory committee meets a minimum of two times annually on a scheduled basis.

The Surgical Technology program advisory committee elects officers, including a chairperson and a secretary.

The Surgical Technology program advisory committee follows an agenda which is distributed to members prior to each meeting.

The chairperson of the Surgical Technology program advisory committee assists program faculty in developing the agenda for each meeting.

The Surgical Technology program advisory committee maintains minutes indicating date, agenda, members present, and recommendations.

Minutes are distributed to each Surgical Technology program advisory committee member prior to each meeting.

The Surgical Technology program advisory committee maintains an open file of minutes and other necessary documents for a minimum of three years.

## SURGICAL TECHNOLOGY

The Surgical Technology program advisory committee members are invited to make periodic classroom visits to the institution.

The Surgical Technology program advisory committee has a quorum present to conduct business.

# SURGICAL TECHNOLOGY

## SPECIAL NEEDS
(Commitment)

Standard Statement

The Surgical Technology program is committed to providing technical education to special needs students.

Explanatory Comment

Special needs students are those who are academically and/or economically disadvantaged, are physically and/or mentally handicapped, or are national origin minority students with limited English language skills.

The special needs requirements of the Georgia Board of Technical and Adult Education meet or exceed all relevant local, state, and federal legislation.

Special needs legislation includes, but is not limited to, mandates for auxiliary aids to students, removal of architectural and equipment barriers, and non-restrictive career counseling.

Evaluative Criteria

Special needs policies and operational procedures that comply with current local, state, and federal special needs legislation are implemented in the Surgical Technology program.

Students who are academically and/or economically disadvantaged are provided special services and assistance to enable them to succeed in the Surgical Technology program.

Students who have physical and/or mental impairments are provided special services and assistance to enable them to succeed in the Surgical Technology program.

Students who are national origin minority students with limited English language skills are provided special services and assistance to enable them to succeed in the Surgical Technology program.

## SURGICAL TECHNOLOGY

Surgical Technology program faculty are prepared, through staff development education, to provide assistance for students with special needs.

All special needs personnel meet Georgia Board of Technical and Adult Education certification requirements.

Course objectives within the Surgical Technology program are utilized as the basis for developing an Individualized Education Program (IEP) for each handicapped student under 21 years of age enrolled in the program.

# SURGICAL TECHNOLOGY

## EQUITY
(Commitment)

Standard Statement

The Surgical Technology program affords equal access and opportunities to all qualified students and staff.

Explanatory Comment

Equal access and equal opportunity refer to the prohibition of discrimination on the basis of race, color, national origin, religion, sex, age, or handicapping condition in educational programs, activities, and employment.

The equal access and equal opportunity requirements of the Georgia Board of Technical and Adult Education meet or exceed all relevant state and federal legislation.

Equal access and equal opportunity legislation includes, but is not limited to, mandates for: equitable admissions practices, counseling, employment, grievance procedures, and leave; nondiscriminatory recruitment and promotional materials; and public notification of nondiscrimination.

Evaluative Criteria

The nondiscrimination commitment of the Surgical Technology program complies with current Georgia Board of Technical and Adult Education policy and state and federal law.

A written institutional policy that ensures equal access to all qualified students who can safely benefit from instructional services regardless of race, color, national origin, religion, sex, age, or handicapping condition is implemented in the Surgical Technology program.

Standard Number:
47-12-01

# SURGICAL TECHNOLOGY

## HEALTH AND SAFETY
(Commitment)

Standard Statement

The Surgical Technology program provides a safe and healthy environment for students and staff.

Explanatory Comment

References for proper health and safety conditions, equipment, practices, and procedures are available in Georgia Board of Technical and Adult Education policy and local, state, and federal law. Emergency and disaster plans, accident reports, and fire drill procedures are outlined in information from the State Fire Marshall's Office, the Civil Defense Division, and the Georgia Department of Human Resources.

Health and safety facility and equipment provisions required by the Georgia Board of Technical and Adult Education meet or exceed appropriate local, state, and federal law.

Evaluative Criteria

The physical facility, furnishings, equipment, supplies, and practices of the Surgical Technology program meet or exceed appropriate local, state, and federal health and safety standards.

Proper health and safety practices are developed, implemented, and integrated into the Surgical Technology program.

The Georgia Board of Technical and Adult Education does not discriminate
on the basis of age, sex, race, color, religion, national origin, or handicap
in its educational programs, activities, or employment policies.